

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1769	((detect\$4 locat\$4 calculat\$6) near6 (object\$1 target\$1 vehicle\$1 car\$1 airplane\$1 bus\$4 automobile\$1 van\$1 minivan\$1 subject\$1 individual person intruder\$1)) and ((differen\$6 subtract\$4) near6 (region\$4 area\$1 segment\$1 image\$1 frame\$1)) and (time timing timings temporal times period\$5 cycle\$1 interval\$1)).clm.	US-PGPUB	OR	ON	2006/12/23 12:00
L2	643	((detect\$4 locat\$4 calculat\$6) near6 (object\$1 target\$1 vehicle\$1 car\$1 airplane\$1 bus\$4 automobile\$1 van\$1 minivan\$1 subject\$1 individual person intruder\$1)) and ((differen\$6 subtract\$4) near6 (region\$4 area\$1 segment\$1 image\$1 frame\$1)) and (time timing timings temporal times period\$5 cycle\$1 interval\$1) and (different\$4 near5 (image\$1 frame\$1))).clm.	US-PGPUB	OR	ON	2006/12/23 12:01
L3	252	((detect\$4 locat\$4 calculat\$6) near6 (object\$1 target\$1 vehicle\$1 car\$1 airplane\$1 bus\$4 automobile\$1 van\$1 minivan\$1 subject\$1 individual person intruder\$1)) and ((differen\$6 subtract\$4) near6 (region\$4 area\$1 segment\$1 image\$1 frame\$1)) and (time timing timings temporal times period\$5 cycle\$1 interval\$1) and (different\$4 near5 (image\$1 frame\$1)) and (synthesiz\$5 combine combines combining combined combination add adding added adds)).clm.	US-PGPUB	OR	ON	2006/12/23 12:12
L4	654	((detect\$4 locat\$4 calculat\$6) near6 (object\$1 target\$1 vehicle\$1 car\$1 airplane\$1 bus\$4 automobile\$1 van\$1 minivan\$1 subject\$1 individual person intruder\$1)) and (((differen\$6 subtract\$4) near6 (region\$4 area\$1 segment\$1 image\$1 frame\$1)) same (time timing timings temporal times period\$5 cycle\$1 interval\$1))).clm.	US-PGPUB	OR	ON	2006/12/23 12:17

## EAST Search History

L5	348	(((detect\$4 locat\$4 calculat\$6) near6 (object\$1 target\$1 vehicle\$1 car\$1 airplane\$1 bus\$4 automobile\$1 van\$1 minivan\$1 subject\$1 individual person intruder\$1)) and (((differen\$6 subtract\$4) near6 (region\$4 area\$1 segment\$1 image\$1 frame\$1)) same (time timing timings temporal times period\$5 cycle\$1 interval\$1)) and ((input\$4 start begin\$5 initial\$4 reference first) near5 (image\$1 frame\$1))).clm.	US-PGPUB	OR	ON	2006/12/23 12:19
----	-----	--	----------	----	----	------------------

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4133	((differ\$7 near3 imag\$5) and ((summ\$5 or add\$3 or combin\$6) near4 (differ\$7 near3 imag\$5)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/18 16:01
S2	280	((differ\$7 near3 imag\$5) and ((summ\$5 or add\$3 or combin\$6) near4 (differ\$7 near3 imag\$5))) and (security or alarm\$ or intrud\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/17 14:28
S3	3344	382/100,103,104, 107;D16/203;348/169.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/24 14:01
S4	430	382/100,103,104, 107;D16/203;348/169.ccls. and ((imag\$3 near4 compar\$4) same (subtract\$7 or differ\$9))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/22 15:31
S5	153	(382/100,103,104, 107;D16/203;348/169.ccls. and ((imag\$3 near4 compar\$4) same (subtract\$7 or differ\$9))) and ((summ\$4 or add\$4 or comb\$8) near7 (subtract\$5 or differ\$9))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/22 15:39
S6	5130	((sum\$7 or add\$6 or comb\$8) near3 (differ\$8 near3 imag\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/14 14:38
S7	129	((((sum\$7 or add\$6 or comb\$8) near3 (differ\$8 near3 imag\$5))) and ((detect\$6 near3 object) same (differ\$8 near3 imag\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/14 14:40

## EAST Search History

S8	30	(US-5946041-\$ or US-5889878-\$ or US-5049746-\$ or US-4437161-\$ or US-5771307-\$ or US-5732146-\$ or US-5550928-\$ or US-5390133-\$ or US-6771277-\$ or US-6741356-\$ or US-6347150-\$ or US-5406501-\$ or US-6011901-\$ or US-6049363-\$ or US-5999652-\$ or US-5999635-\$ or US-5987152-\$ or US-5809171-\$ or US-6421452-\$ or US-6400830-\$ or US-6240197-\$ or US-6141434-\$ or US-6141433-\$ or US-6192322-\$ or US-5724475-\$).did. or (US-20030090751-\$ or US-20010046309-\$ or US-20020176010-\$).did. or (EP-802426-\$ or EP-380658-\$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/10/15 12:57
S9	18	((US-5946041-\$ or US-5889878-\$ or US-5049746-\$ or US-4437161-\$ or US-5771307-\$ or US-5732146-\$ or US-5550928-\$ or US-5390133-\$ or US-6771277-\$ or US-6741356-\$ or US-6347150-\$ or US-5406501-\$ or US-6011901-\$ or US-6049363-\$ or US-5999652-\$ or US-5999635-\$ or US-5987152-\$ or US-5809171-\$ or US-6421452-\$ or US-6400830-\$ or US-6240197-\$ or US-6141434-\$ or US-6141433-\$ or US-6192322-\$ or US-5724475-\$).did. or (US-20030090751-\$ or US-20010046309-\$ or US-20020176010-\$).did. or (EP-802426-\$ or EP-380658-\$).did.) and (weight\$6 or scal\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/15 12:58
S10	5	09/078521	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/17 12:59
S11	3	09/392,622	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/17 13:00
S12	3	09/362,212	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/17 13:00

## EAST Search History

S13	2	09/671,178	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/17 13:01
S14	11689	(frame near3 subtract\$4) or (background near3 subtract\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 13:42
S15	10918	S14 and (comb\$4 add\$4 synthesiz\$6 summ\$4 compos\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 13:43
S16	10371	S14 and ((comb\$4 add\$4 synthesiz\$6 summ\$4 compos\$4) and differen\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 13:44
S17	6336	S14 and ((comb\$4 add\$4 synthesiz\$6 summ\$4 compos\$4) same differen\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 13:44
S18	2	"5724475".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/18 10:57
S19	0	"8221578".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/18 10:57
S20	5	09/078,521	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/18 11:05
S21	3	09/392,622	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/18 11:07
S22	3	09/362,212	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/18 11:08

## EAST Search History

S23	2	09/671,178	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/18 11:08
S24	176	((embed\$4 watermark\$4) near4 (imag\$4 video\$4 audio\$4)) same ((transform\$6 convert\$6) near5 spatial\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/18 16:06
S25	81	((embed\$4 watermark\$4) near4 (imag\$4 video\$4 audio\$4)) same ((transform\$6 convert\$6) near5 (invers\$7 and spatial\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 10:12
S26	2	"5930369".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 09:41
S27	196	(embed\$4 watermark\$4) same (transform\$6 convert\$6) same (invers\$6 revers\$6) same spatial\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 10:14
S28	21530	((imag\$4 frame\$4 video) same (subtract\$4 differenc\$5)) and ((comb\$5 add\$4 sum\$4 synthesiz\$4 generat\$4) same ((differenc\$4 different\$7) near5 (imag\$4 frame\$4)))	USPAT	OR	OFF	2006/06/24 12:28
S29	13161	((imag\$4 frame\$4 video) same (subtract\$4 differenc\$5)) same ((comb\$5 add\$4 sum\$4 synthesiz\$4 generat\$4) same ((differenc\$4 different\$7) near5 (imag\$4 frame\$4)))	USPAT	OR	OFF	2006/06/24 12:29
S30	4974	((imag\$4 frame\$4 video) near5 (subtract\$4 differenc\$5)) same ((comb\$5 add\$4 sum\$4 synthesiz\$4 generat\$4) near5 ((differenc\$4 different\$7) near5 (imag\$4 frame\$4)))	USPAT	OR	OFF	2006/06/24 12:29
S31	3164	((imag\$4 frame\$4 video) near5 (subtract\$4 differenc\$5)) near10 ((comb\$5 add\$4 sum\$4 synthesiz\$4 generat\$4) near5 ((differenc\$4 different\$7) near5 (imag\$4 frame\$4)))	USPAT	OR	OFF	2006/06/24 12:30
S32	566	S31 and (different near4 (tim\$4 period\$4 interva\$5))	USPAT	OR	OFF	2006/06/24 12:36
S33	0	(combine combining) near5 (differnetaial near4 imag\$4)	USPAT	OR	OFF	2006/06/24 12:37

## EAST Search History

S34	26	(combine combining) near5 (differential near4 imag\$4)	USPAT	OR	OFF	2006/06/24 12:49
S35	521	((subtract differenc\$7) near5 (successiv\$4 near5 image\$4))	USPAT	OR	OFF	2006/06/24 12:50
S36	73	((((subtract differenc\$7) near5 (successiv\$4 near5 image\$4))same (combin\$6 add\$4 synthesiz\$5))	USPAT	OR	OFF	2006/06/24 13:01
S37	9873	((referenc\$4 background\$3) near4 (imag\$4 frame\$4)) same (subtract\$4 differenc\$4)	USPAT	OR	OFF	2006/06/24 13:02
S39	753	S37 and (detect\$6 same (mov\$4 near5 object\$4))	USPAT	OR	OFF	2006/06/24 13:06
S40	177	S39 and (comb\$6 near4 imag\$4)	USPAT	OR	OFF	2006/06/24 13:07
S41	1	"5406501".pn.	USPAT	OR	OFF	2006/06/24 13:20
S42	1230	(mov\$4 near6 object near8 detect\$4) and ((different\$4 image\$4)same ((vary\$4 different\$5) near6 (time times timing period\$6 interval\$4)))	USPAT	OR	OFF	2006/06/24 13:22
S43	328	S42 and ((reference background\$) near4 imag\$4)	USPAT	OR	OFF	2006/06/24 13:28
S44	114	((reference\$4 standard\$4 background\$4) near5 imag\$4) same (differential near5 images)	USPAT	OR	OFF	2006/06/24 13:45
S45	3210	((reference\$4 standard\$4 background\$4) near5 imag\$4) same (differen\$4 near5 images)	USPAT	OR	OFF	2006/06/24 13:46
S46	101	((((reference\$4 standard\$4 background\$4) near5 imag\$4)same ((series each all) near5 (imag\$4 video))) same (differen\$4 near5 images)	USPAT	OR	OFF	2006/06/24 13:47
S47	4809	382/100,103,104, 107;D16/203;348/169.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/24 14:02
S48	190	S47 and (((referenc\$4 standard\$4 background\$4) near4 imag\$4) same subtract\$5)	USPAT	OR	OFF	2006/06/24 14:03
S49	82	S48 and (mov\$4 near5 (OBJECT\$1 TARGET\$1 SUBJECT\$4))	USPAT	OR	OFF	2006/06/24 15:09
S50	84	((frame background) near5 subtract\$6) same (mov\$4 near4 (object target subject))	USPAT	OR	OFF	2006/06/24 15:02
S51	38	bhatnagar.xa. and frame\$1 subtract44	USPAT	OR	OFF	2006/06/24 15:03

## EAST Search History

S52	15	bhatnagar.xa. and frame\$1 and subtract\$4	USPAT	OR	OFF	2006/06/24 15:04
S53	7	bhatnagar.xa. and frame\$1 and scor\$4	USPAT	OR	OFF	2006/06/24 15:04
S54	16	bhatnagar.xa. and scor\$4	USPAT	OR	OFF	2006/06/24 15:04
S55	635	(mov\$4 near5 (object\$1 target\$1 subject\$4))and (frame near4 subtract\$4)	USPAT	OR	OFF	2006/06/24 15:10
S56	0	(mov\$4 near5 (object\$1 target\$1 subject\$4)) and ((frame near4 subtract\$4) same (each near7 imag\$3))	USPAT	OR	OFF	2006/06/24 15:11
S57	133	(mov\$4 near5 (object\$1 target\$1 subject\$4)) and ((frame near4 subtract\$4) near4 imag\$3)	USPAT	OR	OFF	2006/06/24 15:20
S58	269	((base reference standard background) near4 imag\$4) same ((every each all) with imag\$4)same (subtract\$4 differenc\$6))	USPAT	OR	OFF	2006/06/24 15:22
S59	75	S58 and (mov\$4 near5 (object\$1 subject\$1 traget\$1))	USPAT	OR	OFF	2006/06/24 15:37
S60	27404	video near4 (surveillanc\$4 monitor\$4)	USPAT	OR	OFF	2006/06/24 15:39
S61	850	S60 and (frame near3 (subtract\$4 differenc\$5))	USPAT	OR	OFF	2006/06/24 15:40
S62	266	S61 and (mov\$5 near4 (object\$1 target\$1 subject\$1))	USPAT	OR	OFF	2006/06/24 15:41
S63	301	S60 and (background near3 (subtract\$4 differenc\$5))	USPAT	OR	OFF	2006/06/24 15:40
S64	118	S63 and (mov\$5 near4 (object\$1 target\$1 subject\$1))	USPAT	OR	OFF	2006/06/24 15:41
S65	162	382/130.ccls.	USPAT	OR	OFF	2006/06/24 17:35
S66	118	S65 and ((subtract\$5 differenc\$5) near4 imag\$4)	USPAT	OR	OFF	2006/06/24 18:00
S67	3197	382/100,128-133.ccls.	USPAT	OR	OFF	2006/06/24 18:00
S68	2357	S67 and ((cancer or tumor) naer4 siz\$4)	USPAT	OR	OFF	2006/06/24 18:01
S69	59	S67 and ((cancer or tumor) near4 siz\$4)	USPAT	OR	OFF	2006/06/24 18:08
S70	660	348/143.ccls.	USPAT	OR	OFF	2006/06/24 18:09
S71	169	S70 and ((subtract\$4 differen\$5) near4 imag\$4)	USPAT	OR	OFF	2006/06/24 18:10
S72	103	S71 and ((reference standard base background) near5 imag\$4)	USPAT	OR	OFF	2006/06/24 18:24



## EAST Search History

S73	2	S70 and (static\$7 near5 ((reference standard base background) near5 imag\$4))	USPAT	OR	OFF	2006/06/24 18:25
S74	1	09/964,336	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 15:35
S75	1	09/964,336	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 15:35
S76	1	S75 and (signal\$1 carrier\$1 wave\$1 transmission transmit transmits transmitted transmitting transmitting computer\$1 medium\$1 record\$4 product\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 15:35
S77	5287	382/100,103,104, 107;D16/203;348/169.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/22 15:39
S78	677	S77 and (((different\$4 subtract\$4) near5 (imag\$4 frame\$1)) same (combine combines combining combined combination synthesiz\$6 add adds adding added))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 15:42
S79	216	S77 and (((different\$4 subtract\$4) near5 (imag\$4 frame\$1)) near5 (combine combines combining combined combination synthesiz\$6 add adds adding added))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:09
S80	4105	((detect\$4 locat\$4 calculat\$6) near6 (object\$1 target\$1 vehicle\$1 car\$1 airplane\$1 bus\$4 automobile\$1 van\$1 minivan\$1 subject\$1)) and (((differen\$6 subtract\$4) near5 (imag\$4 frame\$1)) near5 (combine combines combining combined combination synthesiz\$6 add adds adding added))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:12

## EAST Search History

S81	415	((detect\$4 locat\$4 calculat\$6) near6 (object\$1 target\$1 vehicle\$1 car\$1 airplane\$1 bus\$4 automobile\$1 van\$1 minivan\$1 subject\$1)) same (((differen\$6 subtract\$4) near5 (imag\$4 frame\$1)) near5 (combine combines combining combined combination synthesiz\$6 add adds adding added))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:37
S82	790	((detect\$4 locat\$4 calculat\$6) near6 (object\$1 target\$1 vehicle\$1 car\$1 airplane\$1 bus\$4 automobile\$1 van\$1 minivan\$1 subject\$1)) same (((differen\$6 subtract\$4) near5 (region\$4 area\$1 segment\$1 tile41 grid\$1)) same (different near4 (image\$1 frame\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:41
S83	528	((detect\$4 locat\$4 calculat\$6) near6 (object\$1 target\$1 vehicle\$1 car\$1 airplane\$1 bus\$4 automobile\$1 van\$1 minivan\$1 subject\$1)) same (((differen\$6 subtract\$4) near5 (region\$4 area\$1 segment\$1)) near6 (different near4 (image\$1 frame\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:49
S84	90	((detect\$4 locat\$4 calculat\$6) near6 (object\$1 target\$1 vehicle\$1 car\$1 airplane\$1 bus\$4 automobile\$1 van\$1 minivan\$1 subject\$1)) same (((differen\$6 subtract\$4) near5 (region\$4 area\$1 segment\$1)) near6 (different near4 (image\$1 frame\$1))) same (time timing timings temporal times)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/23 11:50
S85	1769	((detect\$4 locat\$4 calculat\$6) near6 (object\$1 target\$1 vehicle\$1 car\$1 airplane\$1 bus\$4 automobile\$1 van\$1 minivan\$1 subject\$1 individual person intruder\$1)) and ((differen\$6 subtract\$4) near6 (region\$4 area\$1 segment\$1 image\$1 frame\$1)) and (time timing timings temporal times period\$5 cycle\$1 interval\$1)).cm.	US-PGPUB	OR	ON	2006/12/23 12:00

## EAST Search History

S86	643	((((detect\$4 locat\$4 calculat\$6) near6 (object\$1 target\$1 vehicle\$1 car\$1 airplane\$1 bus\$4 automobile\$1 van\$1 minivan\$1 subject\$1 individual person intruder\$1)) and ((differen\$6 subtract\$4) near6 (region\$4 area\$1 segment\$1 image\$1 frame\$1)) and (time timing timings temporal times period\$5 cycle\$1 interval\$1) and (different\$4 near5 (image\$1 frame\$1))))).clm.	US-PGPUB	OR	ON	2006/12/23 12:01
S87	252	((((detect\$4 locat\$4 calculat\$6) near6 (object\$1 target\$1 vehicle\$1 car\$1 airplane\$1 bus\$4 automobile\$1 van\$1 minivan\$1 subject\$1 individual person intruder\$1)) and ((differen\$6 subtract\$4) near6 (region\$4 area\$1 segment\$1 image\$1 frame\$1)) and (time timing timings temporal times period\$5 cycle\$1 interval\$1) and (different\$4 near5 (image\$1 frame\$1)) and (synthesiz\$5 combine combines combining combined combination add adding added adds))).clm.	US-PGPUB	OR	ON	2006/12/23 12:12
S88	654	((((detect\$4 locat\$4 calculat\$6) near6 (object\$1 target\$1 vehicle\$1 car\$1 airplane\$1 bus\$4 automobile\$1 van\$1 minivan\$1 subject\$1 individual person intruder\$1)) and (((differen\$6 subtract\$4) near6 (region\$4 area\$1 segment\$1 image\$1 frame\$1)) same (time timing timings temporal times period\$5 cycle\$1 interval\$1))))).clm.	US-PGPUB	OR	ON	2006/12/23 12:17
S89	348	((((detect\$4 locat\$4 calculat\$6) near6 (object\$1 target\$1 vehicle\$1 car\$1 airplane\$1 bus\$4 automobile\$1 van\$1 minivan\$1 subject\$1 individual person intruder\$1)) and (((differen\$6 subtract\$4) near6 (region\$4 area\$1 segment\$1 image\$1 frame\$1)) same (time timing timings temporal times period\$5 cycle\$1 interval\$1)) and ((input\$4 start begin\$5 initial\$4 reference first) near5 (image\$1 frame\$1))))).clm.	US-PGPUB	OR	ON	2006/12/23 12:19